

# Identifying the Levels of Process Skills

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1. The Windup Toy Activity requires the following process skills:
  - a. The words display these results indicate a *communication* skill.
  - b. The words predict how far the toy will go indicate a *prediction* skill.
2. Use handout M16: “Indicators of Development of Process Skills” to determine which skill level is needed to complete each task. Write the numbers of the skill levels below.
  - a. \_\_\_\_\_ (communicating)
  - b. \_\_\_\_\_ (predicting)

## WINDUP TOY ACTIVITY

On a surface covered with paper, a windup toy moves 2 inches after one turn of the winder. It moves 7 inches after two turns and 11 inches after three turns. Display these results in a form that will help you predict how far the toy will go after four turns.

# Changing the Levels of Process Skills

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1. You will be assigned the process skill of *questioning* or the process skill of *predicting*.
2. Use handout M16a–c: “Indicators of Development of Process Skills” to determine the level of your process skill that’s required by the Penny and Water Drops Activity.
3. Work with a partner to change the activity to increase the level of your process skill. You may modify the activity by adding new directions or materials, or you may redesign the activity completely. Take about 10 minutes.
4. If you finish revising the activity quickly, then try redesigning it for another level.
5. Be prepared to share your results.

## **PENNY AND WATER DROPS ACTIVITY**

- Estimate how many drops of water you can pile up on a penny.
- Pile water drops onto a penny.
- List as many questions as you can that come up for you.